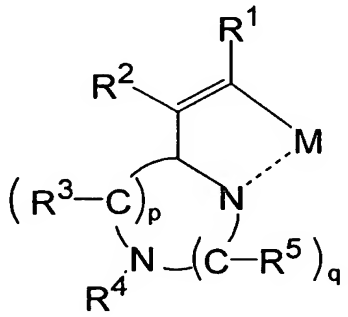
What is claimed is:

1. A metal complex compound having a partial structure represented by a following general formula (I):



(I)

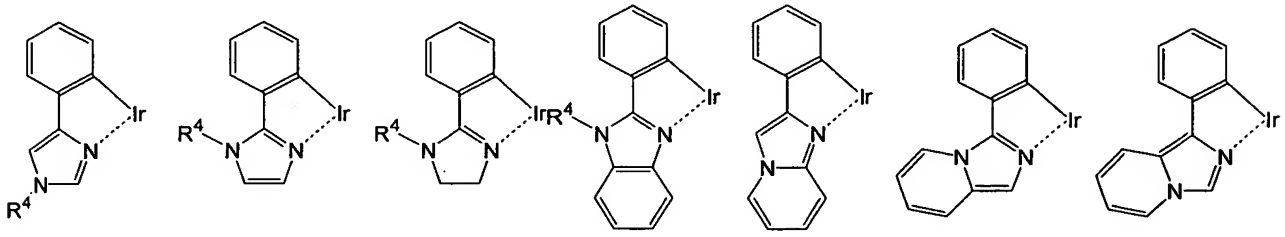
wherein R^1 to R^5 each independently represents a hydrogen atom, a cyano group, a nitro group, a halogen atom, a substituted or unsubstituted alkyl group having 1 to 20 carbon atoms, a substituted or unsubstituted amino group, a substituted or unsubstituted alkoxyl group having 1 to 20 carbon atoms, a substituted or unsubstituted alkylsilyl group having 1 to 20 carbon atoms, a substituted or unsubstituted acyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aromatic group having 1 to 30 carbon atoms; and a couple of R^1 and R^2, a couple of R^2 and R^3, a couple of R^3 and R^4 and a couple of R^4 and R^5 may bond each other to form a ring structure;

p and **q** each independently represents an integer of 0 to 3; **p** + **q** being 2 or 3; further, when **p** is an integer of 2 or greater, plural of R^3 may bond each other to form a ring structure; when **q** is an integer of 2 or greater, plural of R^5 may bond each other to form a ring structure; and

M represents any one metal atom selected from iridium (Ir) atom, rhodium (Rh) atom, platinum (Pt) atom or palladium (Pd) atom.

2. The metal complex compound according to Claim 1, which is a material for an light emitting element.

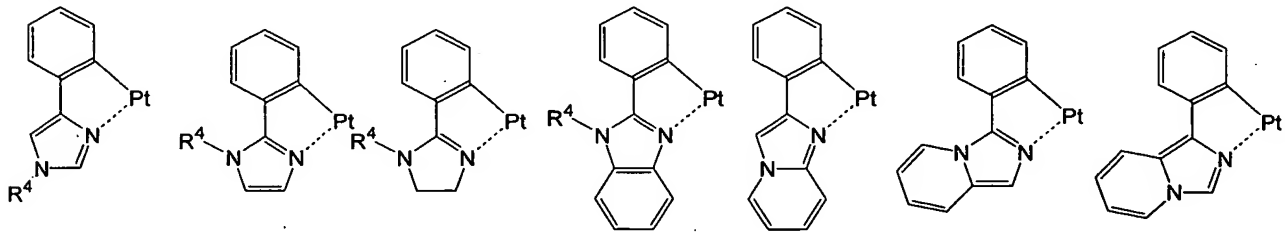
3. The metal complex compound according to Claim 1 or Claim 2, wherein said partial structure is expressed by any one of following general formulae (i) to (vii):



(i) (ii) (iii) (iv) (v) (vi) (vii)

wherein R^4 represents the same as the above description.

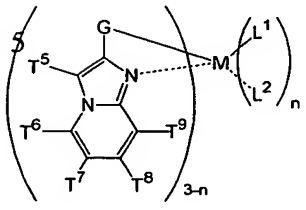
4. The metal complex compound according to Claim 1 or Claim 2, wherein said partial structure is expressed by any one of following general formulae (i') to (vii'):



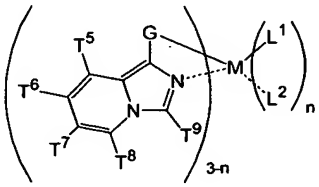
(i') (ii') (iii') (iv') (v') (vi') (vii')

wherein R^4 represents the same as the above description.

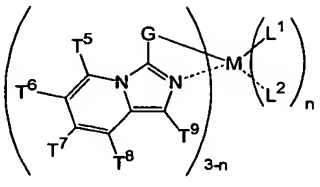
5. The metal complex compound according to Claim 1, which is expressed by any one of following general formulae 1 to 7 and 1' to 7':



1



2



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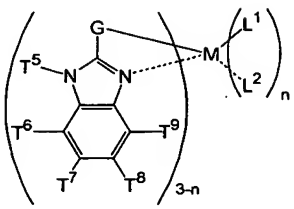

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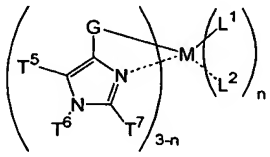

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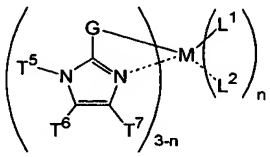
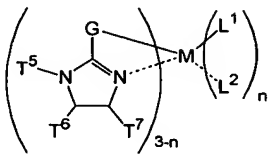
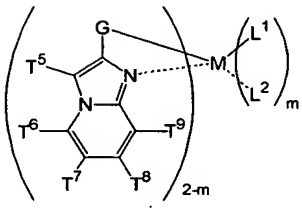


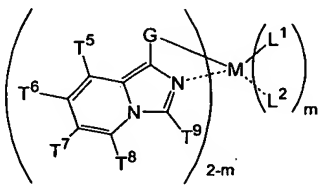
6



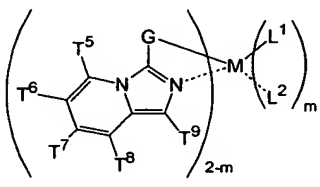
7



1'



2'



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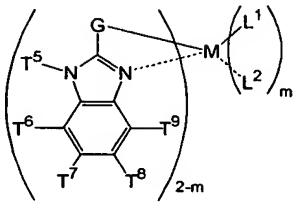

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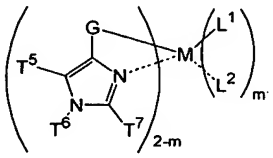

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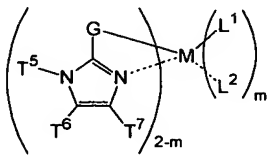
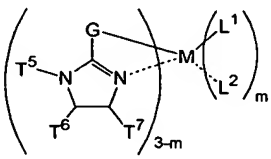


6'



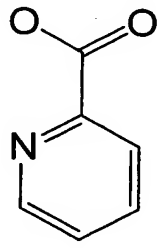
7'

wherein T^5 to T^9 each independently represents a hydrogen atom, a cyano group, a nitro group, a halogen atom, a substituted or unsubstituted alkyl group having

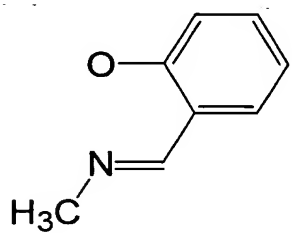
1 to 20 carbon atoms,, a substituted or unsubstituted amino group, a substituted or unsubstituted alkoxyl group having 1 to 20 carbon atoms, a substituted or unsubstituted alkylsilyl group having 1 to 20 carbon atoms, a substituted or unsubstituted acyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aromatic group having 1 to 30 carbon atoms; and a couple of T^5 and T^6, a couple of T^6 and T^7, a couple of T^7 and T^8 and a couple of T^8 and T^9 may bond each other to form a ring structure;

M represents any one metal atom selected from iridium (Ir) atom, rhodium (Rh) atom, platinum (Pt) atom or palladium (Pd) atom; and

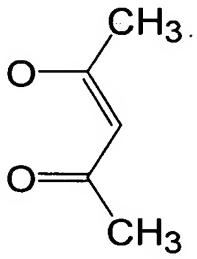
L^1 and L^2 each independently represents any one structure expressed by following structures:



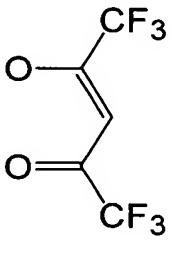
pic



sim



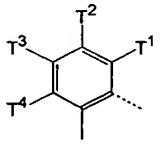
acac



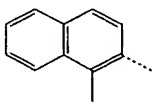
facac

n represents an integer of 0 to 2, and **m** represents an integer of 0 or 1.

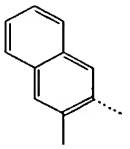
G represents any one structure expressed by following structures:



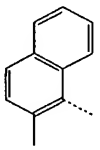
Ph



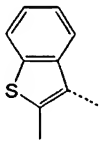
Nap1



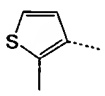
Nap2



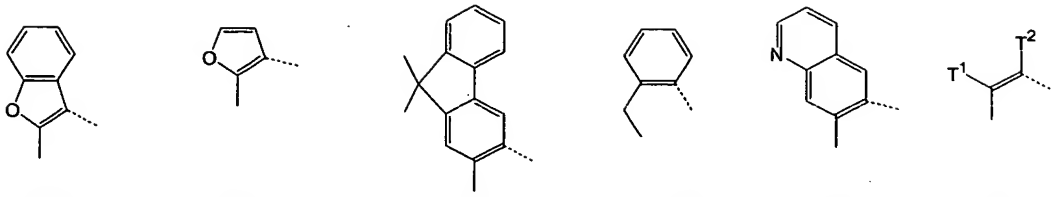
Nap3



TB



TF



OB Fu Fl Bz Qu OL

wherein a dotted line "-----" represents a covalent bond with the above M; and T^1 to T^4 in Ph and OL each independently represents a cyano group, a nitro group, a halogen atom, a substituted or unsubstituted alkyl group having 1 to 20 carbon atoms, a substituted or unsubstituted amino group, a substituted or unsubstituted alkoxyl group having 1 to 20 carbon atoms, a substituted or unsubstituted alkylsilyl group having 1 to 20 carbon atoms, a substituted or unsubstituted acyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aromatic group having 1 to 30 carbon atoms.

6. An organic electroluminescence device which comprises at least one organic thin film layer sandwiched between a pair of electrode consisting of an anode and a cathode, wherein the organic thin film layer comprises the metal complex compound according to any one of Claims 1 to 5 which emits light by applying an electric voltage between the pair of electrode.

7. The organic electroluminescence device according to Claim 6, wherein said light emitting layer comprises said metal complex compound.

8. The organic electroluminescence device according to Claim 6, wherein said organic thin film layer comprising the metal complex compound is formed by coating process.